

Title (en)
Press section.

Title (de)
Pressenpartie.

Title (fr)
Section de presse.

Publication
EP 0496965 B1 19950419 (DE)

Application
EP 91119700 A 19911119

Priority
DE 4102356 A 19910126

Abstract (en)
[origin: US5256257A] In the press section of a paper making machine, there is a central roll, a first press roll beneath and a second press roll above the central roll defining respective first and second press nips. The first press nip or both nips may be extended nip presses. A water impervious press belt travels through the first press nip around the central roll and through the second press nip, meeting the central roll before the first nip and leaving the central roll after the second nip. A felt belt conducts the web to be dewatered into the first nip along with the press belt. The felt belt separates from the web after the first nip. Following the second press nip, the press belt carries the web to a place of removal where a dryer wire picks up the web. The distance from the second press nip to the place of removal is at least equal to the circumference of and is preferably greater than the circumference of the central roll. The path of the press belt from the second nip to the removal place may be bent by a deflection roll.

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D21F 3/04; **D21F 3/02**

IPC 8 full level
D21F 3/00 (2006.01); **D21F 3/02** (2006.01); **D21F 3/04** (2006.01)

CPC (source: EP US)
D21F 3/0218 (2013.01 - EP US); **D21F 3/0227** (2013.01 - EP US); **D21F 3/04** (2013.01 - EP US); **D21F 3/045** (2013.01 - EP US)

Cited by
EP0848106A1; EP0828027A3; US5611892A; EP0837181A1; US6136154A; EP0548038A1; US5888354A; US5951821A; US6103066A; US6210530B1; WO2006114343A1

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